

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-17. (Cancelled).

18. (Currently Amended) A localization system, comprising:

means for generating an electromagnetic energy field within the Ultra-Wideband (UWB), wherein the electromagnetic energy field is formed by one or more pulse streams,

at least one disrupting means for locally disrupting the electromagnetic energy field,

detecting means for detecting the local disruption of the electromagnetic energy field, and

a control unit coupled to the detecting means for localizing the disrupting means on the basis of the detected local disruption,

wherein the means for generating the electromagnetic energy field are adapted to transmit pulse beams of a plurality of pulse streams, wherein each pulse beam comprises nine pulse streams, which pulse streams are oriented at least substantially parallel to each other.

19. (Cancelled).

20. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is arranged on at least one object.

21. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is arranged on an animal.

22. (Previously Presented) The localization system as claimed in claim 21, wherein the disrupting means is arranged on a person.

23. (Currently Amended) The localization system as claimed in claim 18, wherein the disrupting means is adapted to disrupt the electromagnetic energy field in a manner that distinguishes it from other disrupting means in the system.

24. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is adapted to reflect the pulse streams.

25. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is adapted to influence the pulse streams.

26. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is formed by a chip.

27. (Previously Presented) The localization system as claimed in claim 18, wherein the disrupting means is formed by a coating.

28. (Previously Presented) The localization system as claimed in claim 18, wherein the localization system is provided with visual means communicating with the control unit for displaying the location of the detected disrupting means.

29. (Previously Presented) The localization system as claimed in claim 28, wherein the communication between the control unit and the visual means takes place wirelessly via electromagnetic radiation.

30. (Previously Presented) The localization system as claimed in claim 28, wherein the communication between the control unit and the visual means takes place wirelessly via pulse streams.

31. (Currently Amended) A method for localizing objects or animals, comprising the steps of:

- A) generating an electromagnetic energy field within the Ultra-Wideband (UWB), wherein the electromagnetic energy field is formed by one or more pulse beams, wherein each pulse beam comprises nine pulse streams oriented at least substantially parallel to each other,
- B) placing in the electromagnetic energy field at least one object or animal provided with at least one disrupting means for locally disrupting the electromagnetic energy field,
- C) detecting the local disruption of the electromagnetic energy field, and
- D) localizing the object or animal on the basis of the detected local disruption.

32. (Previously Presented) The method as claimed in claim 31, wherein the method is provided with a step E) comprising of visualizing the location of the object or animal after localizing the object or animal on the basis of the detected local disruption as according to step D).

33. (Currently Amended) The method as claimed in claim 31, wherein while step B) is being performed a person provided with at least one disrupting means is placed in the electromagnetic energy field to locally disrupt the energy field.